

*Turner, Sharon*



# ENTERED

1600

#13

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/724,552

DATE: 01/27/2003  
TIME: 09:35:56

RECEIVED

JAN 30 2003

TECH CENTER 1600/2900

1 <110> APPLICANT: Schenk, Dale B.  
 2       Neuralab Limited  
 3 <120> TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease  
 4 <130> FILE REFERENCE: 15270J-004740US  
 5 <140> CURRENT APPLICATION NUMBER: US/09/724,552  
 6 <141> CURRENT FILING DATE: 2000-11-28  
 7 <150> PRIOR APPLICATION NUMBER: US/09/580,019A  
 8 <151> PRIOR FILING DATE: 2000-05-26  
 9 <150> PRIOR APPLICATION NUMBER: 09/322,289  
 10 <151> PRIOR FILING DATE: 1999-05-28  
 11 <160> NUMBER OF SEQ ID NOS: 5  
 12 <170> SOFTWARE: PatentIn Ver. 2.1  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 42  
 16 <212> TYPE: PRT  
 17 <213> ORGANISM: Homo sapiens  
 18 <220> FEATURE:  
 19 <223> OTHER INFORMATION: human Abeta42 beta-amyloid peptide  
 20 <400> SEQUENCE: 1  
 21       Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 22               1               5               10               15  
 23       Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 24               20               25               30  
 25       Gly Leu Met Val Gly Gly Val Val Ile Ala  
 26               35               40  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 13  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Description of Artificial Sequence:Abeta1-12  
 34       peptide with carboxyl terminal Cys residue  
 35       inserted  
 36 <400> SEQUENCE: 2  
 37       Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val Cys  
 38               1               5               10  
 40 <210> SEQ ID NO: 3  
 41 <211> LENGTH: 6  
 42 <212> TYPE: PRT  
 43 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Description of Artificial Sequence:Abeta1-5  
 46       peptide with carboxyl terminal Cys residue

RAW SEQUENCE LISTING  
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Input Set : N:\Crf3\RULE60\09724552.raw.txt  
Output Set: N:\CRF4\01272003\I724552.raw

47        inserted  
48 <400> SEQUENCE: 3  
49        Asp Ala Glu Phe Arg Cys  
50              1                    5  
52 <210> SEQ ID NO: 4  
53 <211> LENGTH: 12  
54 <212> TYPE: PRT  
55 <213> ORGANISM: Artificial Sequence  
56 <220> FEATURE:  
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Abeta33-42  
58        peptide with carboxyl terminal Cys residue  
59        inserted  
60 <220> FEATURE:  
61 <221> NAME/KEY: MOD\_RES  
62 <222> LOCATION: (2)  
63 <223> OTHER INFORMATION: Xaa = amino heptanoic acid  
64 <400> SEQUENCE: 4  
W--> 65        Cys Xaa Gly Leu Met Val Gly Gly Val Val Ile Ala  
66              1                    5                    10  
68 <210> SEQ ID NO: 5  
69 <211> LENGTH: 19  
70 <212> TYPE: PRT  
71 <213> ORGANISM: Artificial Sequence  
72 <220> FEATURE:  
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Abeta13-28  
74        peptide with carboxyl terminal Cys residue  
75        inserted and two added Gly residues  
76 <220> FEATURE:  
77 <221> NAME/KEY: MOD\_RES  
78 <222> LOCATION: (1)  
79 <223> OTHER INFORMATION: Xaa = acetyl histidine  
80 <400> SEQUENCE: 5  
W--> 81        Xaa His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys  
82              1                    5                    10                    15  
83        Gly Gly Cys

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/724,552

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TIME: 09:35:57

Input Set : N:\Crf3\RULE60\09724552.raw.txt  
Output Set: N:\CRF4\01272003\I724552.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 2  
Seq#:5; Xaa Pos. 1

**VERIFICATION SUMMARY**

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Input Set : N:\Crf3\RULE60\09724552.raw.txt  
Output Set: N:\CRF4\01272003\I724552.raw

L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0